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1. A method of screening human subjects for increased risk of disease in response to stress, said method comprising:

determining the presence of at least one serotonin transporter gene promoter long allele in a subject;

the presende of at least one long allele serotonin transporter gene promoter genotype indicating that said subject is at increased risk of disease in response to stress.

- 2. A method according to claim 1, wherein said disease is cardiovascular 10 disease, infectious disease, cancer, autoimmune disease, delayed wound healing, and gastrointestinal disease.
  - 3. A method according to claim 1, wherein said disease is cancer.

4. A method according to claim 1, wherein said disease is delayed wound healing.

5. A method according to claim 1, wherein said disease is gastrointestinal disease. 20

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6. A method of screening human subjects for increased risk of infectious disease, said method comprising:

determining the presence of at least one serotonin transporter gene promoter long allele in a subject;

the presence of at least one long allele serotonin transporter gene promoter genotype indicating that said subject is at increased risk of infectious disease.

7. A method according to claim 6, wherein said infectious disease is a disease of viral, bacterial, protozoal, spirochetal, fungal, or other microbial origin. 30

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- 8. A method according to claim 6, wherein said infectious disease is the common cold.
  - 9. A method according to claim 6, wherein said infectious disease is influenza.
- 10. A method according to claim 6, wherein said infectious disease is pneumonia.
- 11. A method according to claim 6, wherein said infectious disease is

  10 Pneumocystis carinii pneumonia.
  - 12. A method according to claim 6, wherein said infectious disease is staphylococcus infection.
- 13. A method according to claim 6, wherein said infectious disease is Lyme disease.
  - 14. A method according to claim 6, wherein said infectious disease is tuberculosis.
  - 15. A method according to claim\_6, wherein said infectious disease is mononucleosis.
- 16. A method according to claim 6, wherein said increased risk of infectious disease is increased risk of infectious disease in response to stress.